…2006 is 3rd Warmest Year on Record at Glasgow…
…Summer 2006 Driest on Record at Glasgow…

2006 was the 3rd warmest year on record at Glasgow. Only 1981 and 1987 were warmer. Weather records at Glasgow date back to 1893. The year started unusually warm in January with an average temperature that was more than 18 degrees above the 30-year average. The warmer than average temperatures continued through most of the year. The only month to feature well below average temperatures was October when the average temperature for the month was nearly 5 degrees below the 30-year average.

During the last 30 years the average yearly temperature at Glasgow has been 43.0 degrees. Since records began in 1893 the average yearly temperature at Glasgow has been 42.1 degrees.

Here are the top 10 all-time warmest years on record at Glasgow:

1. 1987 (47.6)
2. 1981 (46.8)
3. 2006 (46.0)
4. 1931 (45.9)
5. 1998 (45.7)
6. 1988 (45.6)
7. 1992 (45.3)
8. 1999 (45.3)
9. 1991 (45.1)
10. 1990 (45.0)

By comparison, here are the top 10 all-time coldest years on record at Glasgow:

1. 1996 (38.2)
2. 1978 (38.4)
3. 1927 (39.5)
4. 1965 (39.7)
5. 1969 (39.8)
6. 1985 (40.0)
7. 1979 (40.1)
8. 1972 (40.2)
9. 1966 (40.3)
10. 1959 (40.6)

Here is a month by month look at the average temperatures in Glasgow for 2006 along with the departure from the 30-year average:

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yr
29.2	20.9	30.4	48.9	57.9	66.5	77.2	71.7	57.8	40.1	28.9	21.4	46.0
+18.4	+1.8	-0.5	+4.4	+2.4	+2.1	+7.0	+2.2	+0.5	-4.9	+1.0	+5.8	+3.0

The most significant temperature events took place in January and July. January of 2006 was the warmest January ever observed in Glasgow. The average temperature of 29.2 degrees smashed the previous record warm January in 1992 when the average temperature was 26.6 degrees. There were no subzero temperatures observed in January, which was only the 3rd time that this has occurred. Seventeen daily low temperatures were 20 or above, which broke the previous record of 11 in 1984 and 1990.

July of 2006 was the second warmest month ever at Glasgow. Only July of 1936 was hotter. There were a total of 24 days with a high temperature of 90 degrees or above, which was the 2nd most 90 degree days ever observed in July, and only surpassed by 1936 which recorded 29 days with a high temperature of 90 degrees. There were a total of 7 days with a high temperature of 100 degrees, which was the most since 1936…and tied with July 1930, 1931 and June 1988 as the 5th most 100 degree days ever observed during any month at Glasgow.

Now, taking a look at precipitation, 2006 ended up slightly below normal, and didn't stand out overall. But when you break down some of the seasons, a different picture is emerges. The summer of 2006 (June, July, August) was the driest on record for Glasgow with only 1.73" of rainfall, which is 3.45 inches below normal! The second and third place years for lowest summer precipitation are 1.89" in 1979 and 1.93 inches in 1930. The fall of 2006 (September, October and November) observed above normal precipitation and ended up being the 11th wettest on record.

Here is a month by month look at the measured precipitation in Glasgow for 2006 along with the departure from the 30-year average:

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yr
0.30	0.97	0.22	1.16	1.88	0.92	0.33	0.48	2.40	1.26	0.40	0.29	10.61
-0.05	0.71	-0.25	0.41	0.16	-1.28	-1.45	-0.77	1.42	0.55	0.01	-0.08	-0.62

We had 28 days with greater than a tenth of an inch of precipitation, 13 days with greater than a quarter inch of precipitation, and only 6 days with greater than a half inch of precipitation.

The top ten precipitation days were:

1. 9/22/06 (0.96")
2. 10/7/06 (0.81")
3. 2/28/06 (0.64")
4. 9/17/06 (0.60")
5. 5/23/06 (0.52")
6. 5/20/06 (0.51")
7. 9/15/06 (0.46")
8. 4/16/06 (0.41")
9. 5/27/06 (0.37")
10. 4/17/06 (0.37")

The graphic below shows the observed temperatures with the record maximum and minimum and average in the background. The precipitation graph shows the times of the year we were above normal (green) and below normal (brown). The curve is our normal precipitation accumulation during a one year period.